

DAVEY EvoDrive

ED60-09

APPLICATIONS

Ideal for medium sized domestic household applications, pumping clean water supply from storage tanks or pressure boosting.

INTELLIGENT CONSTANT PRESSURE PUMP

FEATURES & BENEFITS

- VSD Controlled constant pressure performance
- Touch panel illuminated control
- Dry run protection
- Simple plug and pump automatic operation
- 304 stainless steel casing and impeller
- Digital control interface with fault warnings
- Adjustable pressure settings
- Loss of prime protection
- · Economical and quiet
- Suction lift up to 4m
- Permanent magnet motor
- Dual pump connection output for duty/standby-assist configuration. (Connection cable sold separately)

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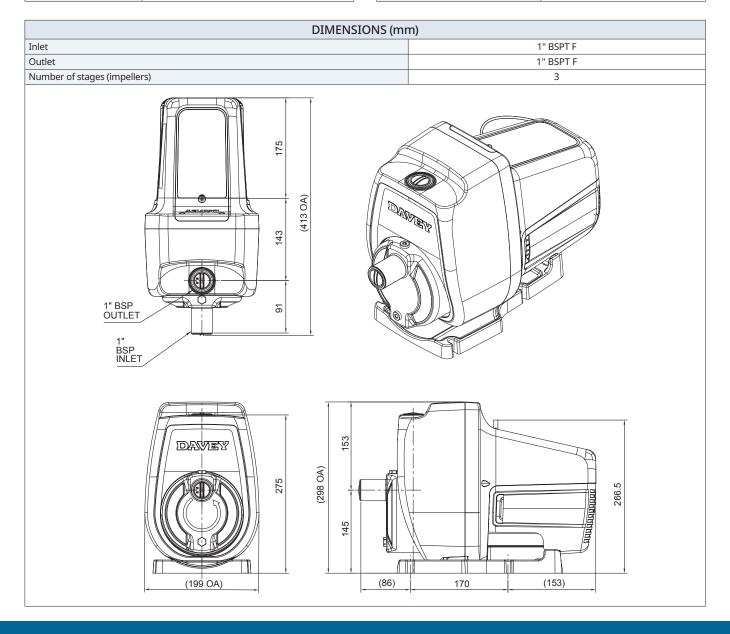
Home Pressure Systems



OPERATING LIMITS		
Flow rate @ 300kPa	65 lpm	
Flow rate @ 400kPa	50 lpm	
Flow rate @ 500kPa	35 lpm	
Maximum casing pressure	1,000kPa / 10bar	
Default set pressure	300kPa / 3bar	
Maximum pressure	700kPa / 7bar	
Maximum flow	105 lpm	
Maximum suction lift	4m	
Default cut-in pressure	240kPa (60kPa less than operator set pressure)	
IP rating	X5	
Operating ambient/air temp range	0-50°C	
Pressure tank valve connection	Schrader valve	
Tank pre-charge (default)	180 to 200kPa / 1.8 to 2bar	
Max humidity	93%	
Operating water temp range	3-70°C	
Nature of fluids	Clean, clear, non-corrosive, with neutral pH	
Solids in Fluid	Maximum sand/silica concentration 40g/m³	
Safety	EN60335.1 EN60335.2.41	
EMC	EN55014	

MATERIALS OF CONSTRUCTION		
PART	MATERIAL	
Casing	304 Stainless Steel	
Impellers	304 Stainless Steel	
Stages (casing)	304 Stainless Steel	
Pump shaft	304 Stainless Steel	
Diffusers	Noryl	
Mechanical seal	SiC/C	
O-rings	Nitrile	
Plugs	Hpb59-1 Brass	
Motor shell and lantern bracket	Aluminium Alloy with powder coat finish	
Outer cover	Polycarbonate	
VSD housing	Aluminium Alloy with powder coat finish	
Pressure tank	Steel / butyl / glass filled nylon	

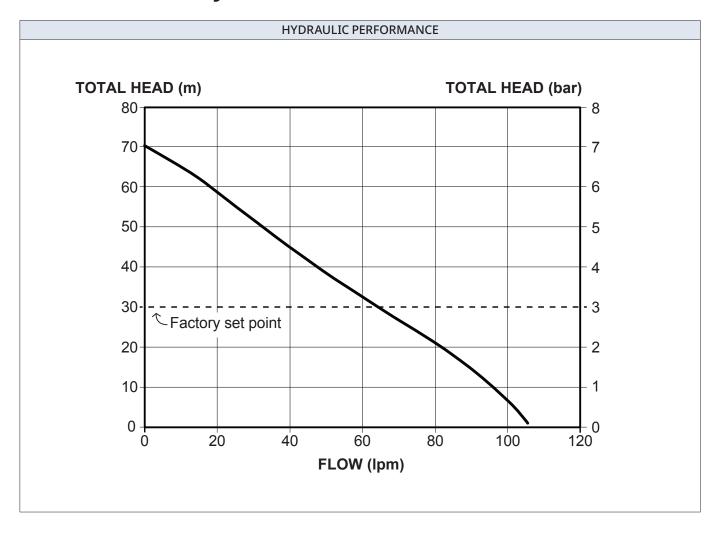
ELECTRICAL DATA		
Voltage (V)	220-240	
Max motor speed (rpm)	5,200	
Incoming power Frequency (Hz)	50-60	
Input power (P ₁ kW)	0.90	
Maximum current (A)	4.2	
Insulation class	F	



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Home Pressure Systems









This literature is not a complete guide to product usage. All images provided in this document are for illustration purposes only. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change thou to rote.

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